49911A Molded Cable Assemblies - D-Subminiature Assembly

For more information please call

1-800-Belden1

See Put-ups and Colors

Description:

9-position shielded D-Sub retractile, for keyboard-to-CRT use where 9-pin retractile is desired, male straight handle one end, polypropylene insulation, polyurethane jacket.

PHYSICAL CHARACTERISTICS:

CONDUCTOR:

Number of Conductors	9
Total Number of Conductors	9
Number of Pins	9
AWG	26
Stranding	19x38
Conductor Diameter	.021 in.
Conductor Material	TC - Tinned Copper

INSULATION:

Insulation Material	PP - Polypropylene
Nom. Insulation Wall Thickness	0.006 in.

OUTER SHIELD:

Outer Shield Trade Name	Beldfoil®
Outer Shield Type	Tape
Outer Shield Material	Aluminum Foil-Polyester Tape
Outer Shield %Coverage	100 %

OUTER SHIELD DRAIN WIRE :

Outer Shield Drain Wire AWG	20
Outer Shield Drain Wire Stranding	42x36
Outer Shield Drain Wire Conductor Material	TC - Tinned Copper

OUTER JACKET:

Outer Jacket Material	PUR - Polyurethane
Outer Jacket Nominal Wall Thickness	0.065 in.

OVERALL NOMINAL DIAMETER:

Overall Nominal Diameter	.250 in.

ASSEMBLY DIMENSIONAL CHARACTERISTICS:

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Assembly Dimensional for Retractile Coil Body Length (relaxed)	18 +/- 1 in.
Assembly Dimensional For Retractile Coil Body Length (extended)	90 in.
1st End Tail Length	6 +/-2 in.
2nd End Tail Length	18 +/- 1.5 in.

CONNECTOR CHARACTERISTICS:

FIRST END :	
Connector Characteristics - First End Connector Type	D-Sub
Connector Characteristics - First End # of Connector Contacts/positions	9
Connector Characteristics - First End Connector Gender	Male
Connector Characteristics - First End Connector Shielding Type	Metal Backshell
Connector Characteristics - First End Overmold Type	9 Position D-Sub
Connector Characteristics - First End Overmold Compound Material	PVC
Connector Characteristics - First End Overmold Color	Black
Connector Characteristics - First End Retention Hardware	Thumbscrew
SECOND END :	
Connector Characteristics - Second End Connector Type	No Connector
NOT TERMINATED :	
Connector Characteristics (not Terminated) Jacket Removal Dimension	1 +/-.125 in.
Connector Characteristic (not terminated) Drain Wire Solder Dip	.25 +/- .125 in.

WIRING DIAGRAM:

Wiring Diagram Color Code Chart :

Number	Color
1	Brown
2	Red
3	Orange
4	Yellow
5	Green
6	Blue
7	Purple
8	Gray
9	White

MECHANICAL CHARACTERISTICS:

UL Temperature Rating	60°C (UL AWM Style 20197)

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APPLICABLE SPECIFICATIONS AND AGENCY COMPLIANCE:

AWM Specification	UL Style 20197 (30 V 60°C) (cable only)

APPLICABLE STANDARDS:

EU RoHS Compliant (Y/N)	Yes
EU RoHS Compliance Date (mm/dd/yyyy):	04/01/2005

PLENUM/NON-PLENUM:

Plenum (Y/N)	N

ELECTRICAL CHARACTERISTICS:

Max. Operating Voltage - UL	30 V RMS (UL AWM Style 20197)

NOTES:

Notes	Polyurethane jacket provides superior retractile properties at a reasonable cost. Molded handles are 100% shielded to assist in FCC compliance and guard against EMI/RFI. All connectors tin-plated with detents for positive ground connection.
Notes (cont'd)	The end opposite the conductor is stripped. Jack screw retention on male connector.

PUT-UPS AND COLORS:

Item	Description	Put-Up (ft.)	Ship Weight (lbs.)	Jacket Color	Notes
49911A 010S2	RETR ASSY 9POS RI37966	S2	2	BLACK	

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